



STIC Search Report

EIC 3600

STIC Database Tracking Number: 131571

TO: Examiner Kyle
Location: PK5 7X08
Art Unit: 3625
Tuesday, December 14, 2004
Case Serial Number: 09/737080

From: Ginger Roberts DeMille
Location: EIC 3600
PK5-Suite 804
Phone: 305-5774
Ginger.roberts@uspto.gov

Search Notes

Dear Examiner Kyle:

Please find attached the results of your search for 09/737080.

The search was conducted using the mandatory database lists for Business Methods.

These other sources were also used:

If you have any questions, please do not hesitate to contact me.

Thanks for using EIC3600!

Ginger





STIC EIC 3600 Search Request Form

140023

705/39

Today's Date: 12/16/04 Class/Subclass 705/39 What date would you like to use to limit the search? Priority Date: 12/16/99 Other:

Name Charles Kyle
AU 3624 Examiner # 72313
Room # P155 7X08 Phone 305-4458
Serial # 09/737080

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB
IEEE INSPEC SPI Other

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC3600 and on the EIC3600 NPL Web Page at <http://ptoweb/patents/stic/stic-tc3600.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

I need info on two concepts in transaction approval (e.g. credit card transactions).

For Claim 81, I need the concept of ^{matching} comparison of an account number to a PIN (or something like a PIN) by a verification computer. The account number is supplied by the merchant and the PIN is supplied by a customer.

For Claim 111, I need a concept of comparison by the merchant of a verification data string (VDS). The VDS first is supplied to the merchant and later a second VDS is supplied to the merchant computer.

STIC Searcher Phone
Date picked up Date Completed

from the Verification  computer via the user/customer computer. Thank you

? show files;ds

File 15:ABI/Inform(R) 1971-2004/Dec 11
 (c) 2004 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2004/Dec 13
 (c) 2004 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2004/Dec 13
 (c)2004 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2004/Dec 13
 (c) 2004 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Dec 13
 (c) 2004 The Gale Group
 File 9:Business & Industry(R) Jul/1994-2004/Dec 10
 (c) 2004 The Gale Group
 File 20:Dialog Global Reporter 1997-2004/Dec 13
 (c) 2004 The Dialog Corp.
 File 476:Financial Times Fulltext 1982-2004/Dec 13
 (c) 2004 Financial Times Ltd
 File 610:Business Wire 1999-2004/Dec 13
 (c) 2004 Business Wire.
 File 613:PR Newswire 1999-2004/Dec 13
 (c) 2004 PR Newswire Association Inc
 File 634:San Jose Mercury Jun 1985-2004/Dec 11
 (c) 2004 San Jose Mercury News
 File 636:Gale Group Newsletter DB(TM) 1987-2004/Dec 13
 (c) 2004 The Gale Group
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 13:BAMP 2004/Dec W1
 (c) 2004 The Gale Group
 File 75:TGG Management Contents(R) 86-2004/Nov W4
 (c) 2004 The Gale Group
 File 95:TEME-Technology & Management 1989-2004/Jun W1
 (c) 2004 FIZ TECHNIK
 File 47:Gale Group Magazine DB(TM) 1959-2004/Dec 13
 (c) 2004 The Gale group
 File 570:Gale Group MARS(R) 1984-2004/Dec 13
 (c) 2004 The Gale Group

Set	Items	Description
S1	1588925	PIN OR PINS OR PERSONAL() (ID OR IDENTIFIER? OR IDENTIFICATION OR NUMBER OR CODE? ?) OR ID OR IDENTIFIER OR PASSWORD OR - (SECRET OR PASS) () (WORD OR CODE) OR PASSCODE OR CIPHER OR USE-R() ID
S2	4807	S1(6N) (MATCH?)
S3	66	S2(10N) (ACCOUNT OR CARD OR CREDIT OR RECORD OR SERIAL OR SOCIAL) (1W) (NUMBER? ?)
S4	45	S3 NOT PY>1999
S5	31	RD (unique items)

? t5/3,k/all

5/3,K/1 (Item 1 from file: 15)
 DIALOG(R)File 15:ABI/Inform(R)
 (c) 2004 ProQuest Info&Learning. All rts. reserv.

01219443 98-68838

DSI rolls out Internet check imaging software module to corporate customers
 Anonymous

? show files;ds

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200479

(c) 2004 Thomson Derwent

File 344:Chinese Patents Abs Aug 1985-2004/May

(c) 2004 European Patent Office

File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)

(c) 2004 JPO & JAPIO

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

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Set      Items  Description
S1      528662  PIN OR PINS OR PERSONAL() (ID OR IDENTIFIER? OR IDENTIFICAT-
              ION OR NUMBER OR CODE? ?) OR ID OR IDENTIFIER OR PASSWORD OR -
              (SECRET OR PASS) () (WORD OR CODE) OR PASSCODE OR CIPHER OR USE-
              R() ID
S2      4781   S1(6N) (MATCH?)
S3      15     S2(10N) (ACCOUNT OR CARD OR CREDIT OR RECORD OR SERIAL OR S-
              OCIAL) (1W) (NUMBER? ?)
S4      2      S3 NOT PY>1999
S5      48     S2 AND (ACCOUNT OR CARD OR CREDIT OR RECORD OR SERIAL OR S-
              OCIAL) (1W) (NUMBER? ?)
S6      13     S5 NOT PY>1999
? t6/3,k/all

```

6/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011984184 **Image available**

WPI Acc No: 1998-401094/199835

Related WPI Acc No: 1994-093961; 1998-401095

XRPX Acc No: N98-312219

Method of settling charges by IC card such as credit card - involves verifying second master digital signature and, if valid, instructing entering of password and transmitting password to IC card when it is entered

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Inventor: FUJIOKA A; ISHIGURO G; MIYAGUCHI S; MUTA T; OKAMOTO T; SAKITA K

Number of Countries: 003 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 856821	A2	19980805	EP 93114917	A	19930916	199835 B
			EP 98104503	A	19930916	

Priority Applications (No Type Date): JP 92317255 A 19921126; JP 92249293 A 19920918; JP 92249294 A 19920918; JP 92308688 A 19921118; JP 92317254 A 19921126

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 856821	A2	E	33	G07F-007/10	Div ex application EP 93114917 Div ex patent EP 588339

Designated States (Regional): DE FR GB

...Abstract (Basic): The method involves transmitting the **card** identification **number** (IDU) and the first and second master digital signatures to the IC card terminal. The...

...transmits a password (Nc) to the IC card when it is entered. The IC card **matches** the **password** with a **password** Nc stored in the card information memory device and, if they match, an authentication signal ...

?
 show files;ds
 File 348:EUROPEAN PATENTS 1978-2004/Dec W01
 (c) 2004 European Patent Office
 File 349:PCT FULLTEXT 1979-2002/UB=20041209,UT=20041202
 (c) 2004 WIPO/Univentio

Set	Items	Description
S1	408060	PIN OR PINS OR PERSONAL() (ID OR IDENTIFIER? OR IDENTIFICATION OR NUMBER OR CODE? ?) OR ID OR IDENTIFIER OR PASSWORD OR - (SECRET OR PASS) () (WORD OR CODE) OR PASSCODE OR CIPHER OR USE-R() ID
S2	9604	S1(6N) (MATCH?)
S3	108	S2(10N) (ACCOUNT OR CARD OR CREDIT OR RECORD OR SERIAL OR SOCIAL) (1W) (NUMBER? ?)
S4	30	S3 NOT PY>1999
S5	2240	S2 AND (ACCOUNT OR CARD OR CREDIT OR RECORD OR SERIAL OR SOCIAL) (1W) (NUMBER? ?)
S6	574	S5 NOT PY>1999

? t4/3,k/all

4/3,K/1 (Item 1 from file: 348)
 DIALOG(R) File 348:EUROPEAN PATENTS
 (c) 2004 European Patent Office. All rts. reserv.

01030324

MOBILE ELECTRONIC COMMERCE SYSTEM
MOBILES ELEKTRONISCHES HANDELSSYSTEM
SYSTEME DE COMMERCE ELECTRONIQUE MOBILE

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD, (216884), 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-0000, (JP), (Applicant designated States: all)

INVENTOR:

TAKAYAMA, Hisashi, 21-22, Matsubara 4-chome, Setagaya-ku, Tokyo 156-0043, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 950968 A1 991020 (Basic)
 WO 9909502 990225

APPLICATION (CC, No, Date): EP 98937807 980813; WO 98JP3608 980813

PRIORITY (CC, No, Date): JP 97230564 970813

DESIGNATED STATES: DE; FR; GB

RELATED DIVISIONAL NUMBER(S) - PN (AN):
 (EP 2004015278)

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 150

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9942	17239
SPEC A	(English)	9942	160346
Total word count - document A			177585
Total word count - document B			0
Total word count - documents A + B			177585

...SPECIFICATION generates an electronic telephone card using telephone card information that is generated by the telephone card issuing means

**INTELLIGENTE KOMMUNIKATIONSNETZWERKE
RESEAUX DE COMMUNICATIONS INTELLIGENTS**

PATENT ASSIGNEE:

BRITISH TELECOMMUNICATIONS public limited company, (846100), 81 Newgate Street, London EC1A 7AJ, (GB), (applicant designated states: BE;CH;DE;DK;ES;FR;GB;IT;LI;NL;PT;SE)

INVENTOR:

TAYLOR, Andrew, Paxton, 1 Hamilton Road Ipswich, Suffolk, (GB)
HOLLYWOOD, Steven, 44 Bladen Drive Ipswich, Suffolk IP4 5UG, (GB)

LEGAL REPRESENTATIVE:

Semos, Robert Ernest Vickers et al (43051), BT Group Legal Services, Intellectual Property Department, 8th Floor, Holborn Centre 120 Holborn, London EC1N 2TE, (GB)

PATENT (CC, No, Kind, Date): EP 774191 A1 970521 (Basic)
EP 774191 B1 981007
WO 9604743 960215

APPLICATION (CC, No, Date): EP 95927847 950804; WO 95GB1851 950804

PRIORITY (CC, No, Date): EP 94305856 940804

DESIGNATED STATES (Pub A): BE; CH; DE; DK; ES; FR; GB; IT; LI; NL; SE;

(Pub B): BE; CH; DE; DK; ES; FR; GB; IT; LI; NL; PT; SE

INTERNATIONAL PATENT CLASS: H04M-003/42; H04M-003/50; H04Q-003/00;

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9841	985
CLAIMS B	(German)	9841	909
CLAIMS B	(French)	9841	1162
SPEC B	(English)	9841	5482
Total word count - document A			0
Total word count - document B			8538
Total word count - documents A + B			8538

...SPECIFICATION that application type using the collected account number to retrieve a PIN stored with the **account number** and to compare the retrieved PIN with the collected **PIN**.

If the **PINs match**, the application accesses the database again to retrieve the customer style of address and the...

4/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00758917

INTELLIGENT COMMUNICATIONS NETWORKS

INTELLIGENTE KOMMUNIKATIONSNETZWERKE

RESEAUX DE COMMUNICATIONS INTELLIGENTS

PATENT ASSIGNEE:

BRITISH TELECOMMUNICATIONS public limited company, (846100), 81 Newgate Street, London EC1A 7AJ, (GB), (applicant designated states: BE;CH;DE;DK;ES;FR;GB;IT;LI;NL;PT;SE)

INVENTOR:

TAYLOR, Andrew, Paxton, 1 Hamilton Road Ipswich, Suffolk, (GB)
HOLLYWOOD, Steven, 44 Bladen Drive Ipswich, Suffolk, (GB)

LEGAL REPRESENTATIVE:

Semos, Robert Ernest Vickers et al (43052), BT Group Legal Services, Intellectual Property Department, 8th Floor, Holborn Centre 120 Holborn

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG
US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA
GN GW ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 13020

Fulltext Availability:
Detailed Description

Detailed Description

... 396. The customer service clerk will open an account for the customer
398. The userselected **password** is automatically **matched** with a
sequentially created customer **account number** within the central data
banks. Using the keypad accompanying the cashier station, the clerk types
...

4/3,K/9 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT
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00518027 **Image available**

SECURITY PRINTING AND UNLOCKING MECHANISM FOR HIGH SECURITY PRINTERS
MECANISME D'IMPRESSION ET DE DEVEROUILLAGE DE SECURITE POUR IMPRIMANTES
HAUTE SECURITE

Patent Applicant/Assignee:
FARGO ELECTRONICS INC,

Inventor(s):
FRANCIS Robert E,
DUNHAM Matthew K,
KLINEFELTER Gary M,
IBS Jon J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9949379 A2 19990930
Application: WO 99US4937 19990305 (PCT/WO US9904937)
Priority Application: US 9877136 19980306; US 9882772 19980423

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CN JP KR AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 6536

Fulltext Availability:

Detailed Description

Detailed Description

... manner as

the passwords, which would prevent the printer 30 from
printing unless both the **password** and the **serial**
number matched. The **password** from the smart card key
10 is then transmitted as a send command 32 to...

4/3,K/10 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

... randomly
selected scrambling code

In a further aspect of the present invention, if the decoded **credit account number** and the decoded **PIN** do not **match** the actual **credit account number** and the actual PIN respectively, then the potential user may be given a predetermined number...

4/3,K/12 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00474281 **Image available**
AUTOMATED CREDIT CARD PAYMENT SYSTEM
SYSTEME DE PAIEMENT AUTOMATISE POUR CARTES DE CREDIT

Patent Applicant/Assignee:
MAIN STREET MARKETING,

Inventor(s):

KERN Daniel A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9905633 A1 19990204

Application: WO 98US15579 19980724 (PCT/WO US9815579)

Priority Application: US 9753740 19970725

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HR HU
ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS
MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 5634

Fulltext Availability:

Detailed Description

Detailed Description

... includes a database consolidation and sorting subsystem 55, a master credit card database 57, an **identifier matching** and selecting subsystem 59, and an optional credit **card account number** encryption subsystem 53

The automatic payment system 50 is used in conjunction with n number...

4/3,K/13 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00467838

PARTIALLY USER-DEFINED COMPUTER TRANSPORTATION SYSTEM
SYSTEME DE TRANSPORT INFORMATISE DEFINI PARTIELLEMENT PAR L'UTILISATEUR

Patent Applicant/Assignee:

DSX INTERNATIONAL INC,

STUKEL David S,

MALICK Doug H,

Inventor(s):

STUKEL David S,

? show files;ds

File 15:ABI/Inform(R) 1971-2004/Dec 11
 (c) 2004 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2004/Dec 13
 (c) 2004 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2004/Dec 13
 (c)2004 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2004/Dec 13
 (c) 2004 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Dec 13
 (c) 2004 The Gale Group
 File 9:Business & Industry(R) Jul/1994-2004/Dec 10
 (c) 2004 The Gale Group
 File 20:Dialog Global Reporter 1997-2004/Dec 13
 (c) 2004 The Dialog Corp.
 File 476:Financial Times Fulltext 1982-2004/Dec 13
 (c) 2004 Financial Times Ltd
 File 610:Business Wire 1999-2004/Dec 13
 (c) 2004 Business Wire.
 File 613:PR Newswire 1999-2004/Dec 13
 (c) 2004 PR Newswire Association Inc
 File 634:San Jose Mercury Jun 1985-2004/Dec 11
 (c) 2004 San Jose Mercury News
 File 636:Gale Group Newsletter DB(TM) 1987-2004/Dec 13
 (c) 2004 The Gale Group
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 13:BAMP 2004/Dec W1
 (c) 2004 The Gale Group
 File 75:TGG Management Contents(R) 86-2004/Nov W4
 (c) 2004 The Gale Group
 File 95:TEME-Technology & Management 1989-2004/Jun W1
 (c) 2004 FIZ TECHNIK
 File 47:Gale Group Magazine DB(TM) 1959-2004/Dec 13
 (c) 2004 The Gale group

Set	Items	Description
S1	1826	((VERIFICATION OR CONFIRMATION) (1W) (DATA OR STRING OR NUMBER) OR VDS OR CDS) (5N) (COMPARE? OR COMPARING OR COMPARISON? OR MATCH?)
S2	3068	(VERIF? OR CONFIRM?) (10N) (NUMBER? ? OR STRING? ?) (10N) (COMPARE? OR COMPARING OR COMPARISON? OR MATCH?)
S3	217256	(TWO OR SECOND OR SUBSEQUENT OR FOLLOWUP OR FOLLOW()UP OR NEXT OR REVERIF? OR RECONFIRM?) (5W) (NUMBER? ? OR STRING? ?)
S4	20	S1 AND S3
S5	162	S2 AND S3
S6	109	S2(3S)S3
S7	129	S4 OR S6
S8	69	S7 NOT PY>1999
S9	51	RD (unique items)

? t9/3,k/all

9/3,K/1 (Item 1 from file: 15)
 DIALOG(R)File 15:ABI/Inform(R)
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01838641 04-89632

Mexican cartage agent. Mexican customs **verifies** that the trailer, chassis, and licence **numbers match** those on the import documents. A red-light, green-light system is then employed to...

9/3,K/4 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00657841 93-07062

"The Playground Bullies Are Learning How to Type"

Flanagan, William G.; McMenamin, Brigid

Forbes v150n14 PP: 184-189 Dec 21, 1992

ISSN: 0015-6914 JRNL CODE: FBR

WORD COUNT: 3444

...TEXT: get the numbers? There are two common methods: cloning and tumbling.

Each cellular phone has **two numbers** --a mobile identification **number** (MIN) and an electronic serial **number** (ESN). Every time you make a call, the chip transmits both **numbers** to the local switching office for **verification** and billing.

Cloning involves altering the microchip in another cellular phone so that both the MIN and ESN **numbers match** those stolen from a bona fide customer. The altering can be done with a personal...

9/3,K/5 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

00628615 92-43555

Material Handling Keeps Avon Calling

Witt, Clyde E.

Material Handling Engineering v47n8 PP: 34-37 Aug 1992

ISSN: 0025-5262 JRNL CODE: MTH

WORD COUNT: 2192

...TEXT: are mirror images."

Just prior to entry into the picking module, each carton has its **two** -digit batch sequence **number** ink-sprayed on the side. In the assembly station the operator **matches** that **two** -digit **number** to a lighted electrical diode (LED) to **verify** selection of the correct order. Bay lamps indicate if the order selection within the station...

9/3,K/6 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

08001662 Supplier Number: 64074563 (USE FORMAT 7 FOR FULLTEXT)

MediCal Program Mandates Universal Numbers.

Goedert, Joseph

Health Data Management, v6, n3, p12

March, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

? show files;ds

File 348:EUROPEAN PATENTS 1978-2004/Dec W01

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20041209,UT=20041202

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	421	((VERIFICATION OR CONFIRMATION) (1W) (DATA OR STRING OR NUMBER) OR VDS OR CDS) (5N) (COMPARE? OR COMPARING OR COMPARISON? OR MATCH?)
S2	2119	(VERIF? OR CONFIRM?) (10N) (NUMBER? ? OR STRING? ?) (10N) (COMPARE? OR COMPARING OR COMPARISON? OR MATCH?)
S3	64422	(TWO OR SECOND OR SUBSEQUENT OR FOLLOWUP OR FOLLOW()UP OR NEXT OR REVERIF? OR RECONFIRM?) (5W) (NUMBER? ? OR STRING? ?)
S4	88	S1 AND S3
S5	784	S2 AND S3
S6	269	S2(3S)S3
S7	340	S4 OR S6
S8	131	S7 NOT PY>1999
S9	23	S1(S)S3
S10	176	S2(S)S3
S11	6	S9 NOT PY>1999

? t11/3,k/all

11/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00475638

Data integrity guarantee system

System zur Datenintegritätsgewährleistung

Systeme de garantie de l'integrite de donnee

PATENT ASSIGNEE:

HITACHI, LTD., (204144), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 100, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Tadamura, Katsumi, Ken Daitogo Kosha 1-104, 2-18, Togocho, Shobara-shi, (JP)

Okada, Masakazu, 3658-5, Higashiishikawa, Katsuta-shi, (JP)

Yamaguchi, Syoji, 2-8, Kanesawacho-1-chome, Hitachi-shi, (JP)

LEGAL REPRESENTATIVE:

Altenburg, Udo, Dipl.-Phys., et al (1266), Patent- und Rechtsanwälte Bardehle . Pagenberg . Dost . Altenburg . Frohwitter . Geissler & Partner, Postfach 86 06 20, 81633 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 491397 A2 920624 (Basic)

EP 491397 A3 930303

EP 491397 B1 971008

APPLICATION (CC, No, Date): EP 91121808 911219;

PRIORITY (CC, No, Date): JP 90403743 901219

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-011/20; G06F-011/14;

ABSTRACT WORD COUNT: 228

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9710W1	1955
CLAIMS B	(German)	9710W1	1601
CLAIMS B	(French)	9710W1	2582
SPEC B	(English)	9710W1	8785
Total word count - document A			0

the case of the chip card (CK...

11/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00128303

Pocket banking terminal, method and system.

Taschenbankterminal; Verfahren und Anordnung fur seinen Gebrauch.

Terminal bancaire de poche; procede et systeme d'utilisation.

PATENT ASSIGNEE:

TANDEM COMPUTERS INCORPORATED, (524031), 10435 N. Tantau Avenue,
Cupertino, California 95014-0709, (US), (applicant designated states:
CH;DE;FR;GB;IT;LI)

INVENTOR:

Atalla, Martin M., 18 Monte Vista, Atherton California 94025, (US)
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PATENT (CC, No, Kind, Date): EP 131906 A2 850123 (Basic)

EP 131906 A3 871014

EP 131906 B1 911009

APPLICATION (CC, No, Date): EP 84108150 840711;

PRIORITY (CC, No, Date): US 514011 830715

DESIGNATED STATES: CH; DE; FR; GB; IT; LI

INTERNATIONAL PATENT CLASS: G07F-007/10;

ABSTRACT WORD COUNT: 78

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1801
CLAIMS B	(German)	EPBBF1	1638
CLAIMS B	(French)	EPBBF1	1923
SPEC B	(English)	EPBBF1	4132
Total word count - document A			0
Total word count - document B			9494
Total word count - documents A + B			9494

...CLAIMS user's Personal Identification Number and the entity and terminal codes to produce a Personal **Verification Number** ;

comparing the Personal **Verification Number** produced by encryption with a Personal Verification Number previously established for an authorized user and...

...to the entity;

encrypting at the entity and at the terminal in accordance with a **second** logical combination the random **numbers** generated at the entity and at the terminal with a Key-Exchange Key at the...and comparator means in said entity for producing a second signal in response to favorable **comparison** of the decrypted **second** Personal **Verification Number** from the decryption means (30) with the **second** Personal Verification **Number** produced by said encryption means; and

said circuit means (33) at the entity being responsive...

? show files;ds

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200479
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 (c) 2004 European Patent Office
 File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
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 File 256:TecInfoSource 82-2004/Nov
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 (c) 2004 The New York Times
 File 475:Wall Street Journal Abs 1973-2004/Dec 10
 (c) 2004 The New York Times
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group

Set	Items	Description
S1	548	((VERIFICATION OR CONFIRMATION) (1W) (DATA OR STRING OR NUMBER) OR VDS OR CDS) (5N) (COMPARE? OR COMPARING OR COMPARISON? OR MATCH?)
S2	1680	(VERIF? OR CONFIRM?) (10N) (NUMBER? ? OR STRING? ?) (10N) (COMPARE? OR COMPARING OR COMPARISON? OR MATCH?)
S3	45324	(TWO OR SECOND OR SUBSEQUENT OR FOLLOWUP OR FOLLOW()UP OR NEXT OR REVERIF? OR RECONFIRM?) (5W) (NUMBER? ? OR STRING? ?)
S4	2	S1 AND S3
S5	68	S2 AND S3
S6	64	S2(3S)S3
S7	64	S4 OR S6
S8	50	S7 NOT PY>1999
S9	2	S1(S)S3
S10	56	S2(S)S3
S11	2	S9 NOT PY>1999
S12	50	S8 OR S11
S13	33	S12 FROM 350,344,347,371
S14	17	S12 NOT S13
S15	17	S14 NOT PY>1999
S16	16	RD (unique items)
?		

Pocket banking terminal under control of authorised user - is initialised for personal use under separate controls by banks and retailer

Patent Assignee: ATALLA CORP (ATAL-N); TANDEM COMPUTERS INC (TAND)

Inventor: ATALLA M M; BESTOCK R R

Number of Countries: 007 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 131906	A	19850123	EP 84108150	A	19840711	198504 B
US 4536647	A	19850820	US 83514011	A	19830715	198536
EP 131906	B	19911009				199141
DE 3485144	G	19911114				199147

Priority Applications (No Type Date): US 83514011 A 19830715

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 131906	A	E	29		

Designated States (Regional): CH DE FR GB IT LI

EP 131906 B

Designated States (Regional): CH DE FR GB IT LI

...Abstract (Equivalent): of encrypting in accordance with a first logical combination of the user's Personal Identification **Number** and the entity and terminal codes to produce a Personal **Verification Number** ; **comparing** the Personal **Verification Number** produced by encryption with a Personal **Verification Number** previously established for an authorised user and stored in the terminal to activate, upon favourable **comparison** thereof, the generation of random **numbers** at the entity and at the terminal; transmitting the random **number** generated at the entity to the terminal and the random number generated at the terminal to the entity; encrypting at the entity and at the terminal in accordance with a **second** logical combination the random **numbers** generated at the entity and at the terminal with a Key-Exchange Key at the...

13/3,K/18 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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003348905

WPI Acc No: 1982-K6926E/198232

Two multidigit binary numbers comparator - has outputs from counting triggers to sync. triggers at input to OR-gate to determine whether one number is greater than other in code group

Patent Assignee: TERLETSKII M N (TERL-I)

Inventor: KYUZDENI O A A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 873236	B	19811015				198232 B

Priority Applications (No Type Date): SU 2842585 A 19791112

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SU 873236	B		4		

...Abstract (Basic): The class of solvable problems was formerly confined to **comparing two** n-digit binary **numbers** (A,B) to **verify** whether or not they were equal (A=B) and whether the code belonged to a...

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03248920 **Image available**
BIT STRING VERIFICATION RESTORATION CODE

PUB. NO.: 02-224420 [JP 2224420 A]
PUBLISHED: September 06, 1990 (19900906)
INVENTOR(s): TAKANO AKIRA
APPLICANT(s): TAKANO AKIRA [000000] (An Individual), JP (Japan)
APPL. NO.: 01-045693 [JP 8945693]
FILED: February 27, 1989 (19890227)
JOURNAL: Section: E, Section No. 1005, Vol. 14, No. 533, Pg. 27,
 November 22, 1990 (19901122)

ABSTRACT

... verification restoration code 14. Further, when a restored code 14 is generated from the bit **string** 13, it becomes 15. Then, if 14 and 15 are **compared** as making the positioning of their digits consequential, the errors of **two** bits in the expanded bit **string** can be **verified** .

13/3,K/24 (Item 6 from file: 347)

DIALOG(R)File 347:JAPIO
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03238472 **Image available**
ILLEGAL USE PREVENTING METHOD FOR COMPUTER

PUB. NO.: 02-213972 [JP 2213972 A]
PUBLISHED: August 27, 1990 (19900827)
INVENTOR(s): HAMAMOTO SUEO
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-035421 [JP 8935421]
FILED: February 15, 1989 (19890215)
JOURNAL: Section: P, Section No. 1129, Vol. 14, No. 512, Pg. 100,
 November 09, 1990 (19901109)

ABSTRACT

PURPOSE: To assure propriety for identification and **confirmation** of a user by **comparing** **two** types of identification **numbers** for key input contents of the user and the memory contents of an ID card...

13/3,K/25 (Item 7 from file: 347)

DIALOG(R)File 347:JAPIO
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02690682
COLLATING METHOD FOR IDENTIFICATION NUMBER OF TRANSACTION CARD FOR PAPER MONEY RECEIVING AND PAYING MACHINE

PUB. NO.: 63-307582 [JP 63307582 A]
PUBLISHED: December 15, 1988 (19881215)
INVENTOR(s): MORIGUCHI MASATAKA
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 62-142784 [JP 87142784]
FILED: June 08, 1987 (19870608)
JOURNAL: Section: P, Section No. 853, Vol. 13, No. 141, Pg. 159, April 07, 1989 (19890407)

ABSTRACT

...used by a third person, when it has been lost or stolen, by providing a **second** identification **number** on the transaction card, bringing a first identification **number** which a user has claimed, to a calculation change, **comparing** it with the **second** identification **number**, and **confirming** its coincidence...

... transaction person and recorded in the card and at the time of a transaction the **second** identification **number** recorded in the transaction card is read out, and on the other hand, the identifi...

... a calculation change by said calculating method is derived, this identification number and the **second** identification **number** which has been read out are compared, and when **two** identification **numbers** are equal, the transaction is formed. In such a way, it can be prevented that ...

13/3,K/26 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO

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02475574 **Image available**

BOOKING MACHINE

PUB. NO.: 63-092474 [JP 63092474 A]

PUBLISHED: April 22, 1988 (19880422)

INVENTOR(s): HASEGAWA MOTOI

APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 61-238804 [JP 86238804]

FILED: October 07, 1986 (19861007)

JOURNAL: Section: M, Section No. 737, Vol. 12, No. 325, Pg. 61, September 05, 1988 (19880905)

ABSTRACT

PURPOSE: To make it possible to **verify** whether or not printing is conducted at a normal numbered line position, by providing a means for **comparing** the **number** of lines recognized by a first recognizing means with that by a second recognizing means...

... first recognizing means 6 recognizes to what numbered printing line printing is conducted, whereas a **second** recognizing means 7 recognizes the **number** of printed lines when a medium 10 is discharged after printing is finished. A comparing...

... printing is conducted, and at the time of discharging the medium 10 after printing, the **second** recognizing means 7 recognizes the **number** of the printed lines. The comparing means 8 compares the number of lines recognized by...

13/3,K/27 (Item 9 from file: 347)

DIALOG(R)File 347:JAPIO

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02430970

PERSONAL IDENTIFICATION NUMBER SYSTEM

PUB. NO.: 63-047870 [JP 63047870 A]

or Corporation), JP (Japan)
APPL. NO.: 57-044973 [JP 8244973]
FILED: March 19, 1982 (19820319)
JOURNAL: Section: P, Section No. 244, Vol. 07, No. 286, Pg. 123,
December 21, 1983 (19831221)

ABSTRACT

...the decoded number of a selecting switch 13 for the person in charge and the **number** of each digit of the balance register 25 and takes one digit of the result to generate the **verify number**. **Two verify numbers** are **compared** with each other in a comparator 27; and only when they coincide with each other...

13/3,K/32 (Item 14 from file: 347)
DIALOG(R) File 347:JAPIO
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00910160 **Image available**
VERIFICATION DEVICE

PUB. NO.: 57-060460 [JP 57060460 A]
PUBLISHED: April 12, 1982 (19820412)
INVENTOR(s): MIYASHITA SHINICHI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 55-136254 [JP 80136254]
FILED: September 30, 1980 (19800930)
JOURNAL: Section: P, Section No. 130, Vol. 06, No. 137, Pg. 127, July
24, 1982 (19820724)

ABSTRACT

PURPOSE: To elevate the reliability of a **verification** device, by **comparing** the first and **second** code **numbers** with the first and **second verification numbers**, respectively, inputting the code **number** over again in case of dissidence, and making it unverified when its **number** of times exceed a prescribed value...

...CONSTITUTION: The first verrification numberIof a customer's magnetic card is inputted to a **verification** device, and the first code **number** II inputted from the customer is **compared** with the numberIby the first **comparing** part 1. As a result, in case of coincidence, the **second verification number** corresponding to the first **verification** number II being in coincidence is inputted to this device from a memory device. At this stage, the **second** verification number corresponding to the first **verification** **number** II is **compared** with the second code **number** IV inputted by the customer, in the second **comparing** part 2. As a result, in case of coicidence, the customer is **verified** by a **verification** part 3. In the even of dissidence in the **comparing** part 1 or 2, the customer inputs the first and **second** code **numbers**, and when the **number** of times of this input exceeds the prescribed number of times, it is regarded as...

13/3,K/33 (Item 15 from file: 347)
DIALOG(R) File 347:JAPIO
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00652788 **Image available**
CONTROL SYSTEM FOR NUMBER OF SELECT SIGNAL DIGIT